

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

William M. Hiatt

Serial No.: Not yet assigned

Filed: February 23, 2004

For: THROUGH-HOLE CONDUCTORS
FOR SEMICONDUCTOR SUBSTRATES
AND METHOD AND SYSTEM FOR
MAKING SAME

Examiner: Unknown

Group Art Unit: Unknown

Attorney Docket No.: 2269-5868US
(01-0764.00/US)

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

| <u>U.S. Patent Documents</u> | | |
|------------------------------|-------------------------|-----------------|
| <u>U.S. Patent No.</u> | <u>Publication Date</u> | <u>Patentee</u> |
| 5,166,097 | 11/24/92 | Tanielian |
| 6,221,769 | 04/24/01 | Dhong et al. |
| 6,410,976 | 06/25/02 | Ahn |
| 6,458,696 | 10/01/02 | Gross |
| 6,479,382 | 11/12/02 | Naem |

Applicant offers to supply any explanation or discussion of the documents that the Examiner feels is necessary or desirable and which is requested.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. § 1.17(p) is required.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'K. K. Johanson', followed by a long horizontal line extending to the right.

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Date: February 23, 2004
KKJ/sls:rmh

Enclosures: Form PTO-1449 or PTO/SB/08
Cited Documents

Document in ProLaw

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | <i>Complete if Known</i> | |
| | | | | Application Number | Not yet assigned |
| | | | | Filing Date | February 23, 2004 |
| | | | | First Named Inventor | William M. Hiatt |
| | | | | Group Art Unit | Unknown |
| | | | | Examiner Name | Unknown |
| | | | | Attorney Docket Number | 5868US (01-0764.00/US) |

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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